

Georgia Weekly Influenza Report

MMWR Week 02

Updated 1/17/2014

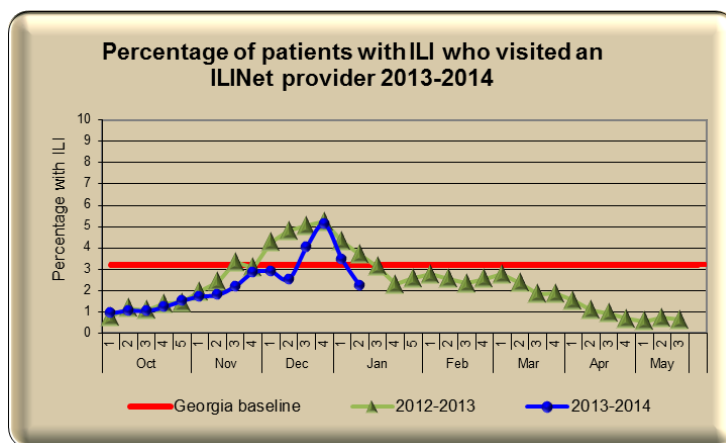
Week 02 (Jan. 05, 2014—Jan. 11, 2014) Synopsis

During week 02 there was widespread influenza activity in Georgia with minimal occurrences of sustained flu transmission.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **2.23%**, which is below the Georgia baseline of 3.2%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **Widespread** during week 02.
- **Metro Area Hospitalizations:** There were 28 hospitalizations due to influenza infection in week 02. There have been 609 hospitalizations due to influenza infection so far this season.
- **Influenza Related Deaths:** There were 8 confirmed influenza-associated deaths during week 02. There have been **31** confirmed influenza-associated deaths so far this season.
- **Viral Surveillance:** Of the **893** Specimens tested and reported by the Georgia Public Health Laboratory (GPHL) and the National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories during week 02, **108 (12.1%)** were positive for influenza.
- **Reported Influenza Outbreaks:** There were 0 influenza-related outbreak reported to public health during week 02. There has been 1 influenza-related outbreak reported to public health so far this season.
- **RSV Viral Surveillance:** Of the 170 specimens tested and reported by the Georgia Public Health Laboratory (GPHL) and the National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories during week 02, 20.0% percent were positive for Respiratory syncytial virus, **above the season onset threshold of 10.0%.**

ILINet Provider Network Data

Percentage of patients with ILI reported by ILINet providers
(Volunteer providers who report percentage of patients with ILI seen by their practice or facility weekly. This week there are currently **36** ILINet providers reporting in Georgia.)



This Week: **2.23%** of patients seen in ILINet Provider offices were diagnosed with ILI.

Note: The Georgia baseline is formulated by averaging ILI percentage during weeks of endemic activity determined by laboratory results for influenza.

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ILINet patient visits by age group

This graph displays the number of patients seen at sentinel provider offices and diagnosed with ILI in the past week. The data are stratified by age-group.

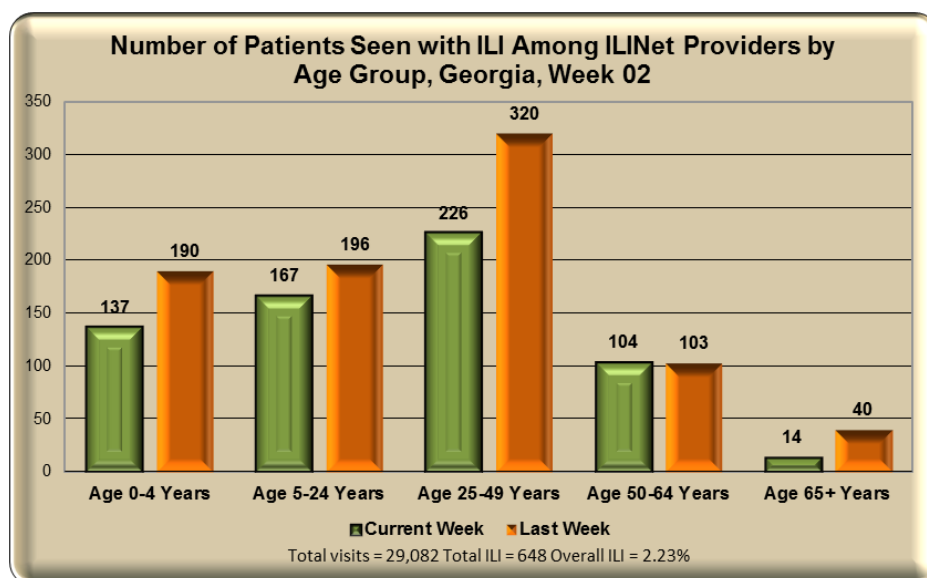
ILI Activity Level Indicator - ILINet

(This graph uses the proportion of outpatient visits for ILI to measure the ILI severity in Georgia.) For a national view, visit <http://cdc.gov/flu/weekly/>

Council of State and Territorial Epidemiologists Report – Geographic Dispersion

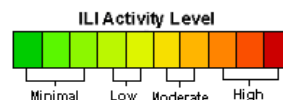
(This graph reflects geographic dispersion and is not an indicator of influenza severity)

ILINet Patient Visits By Age Group



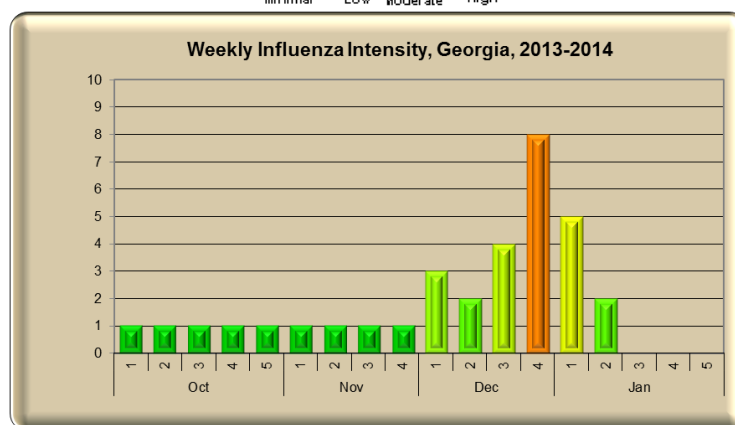
During **week 02** those aged 25 to 49 years were most often seen with ILI symptoms by ILINet providers.

Georgia ILI Intensity Indicator



ILI Activity Levels (1 - 10) correspond to the number of standard deviations away from the 3-year mean for the current week.

This week the intensity level is:
Minimal = 2

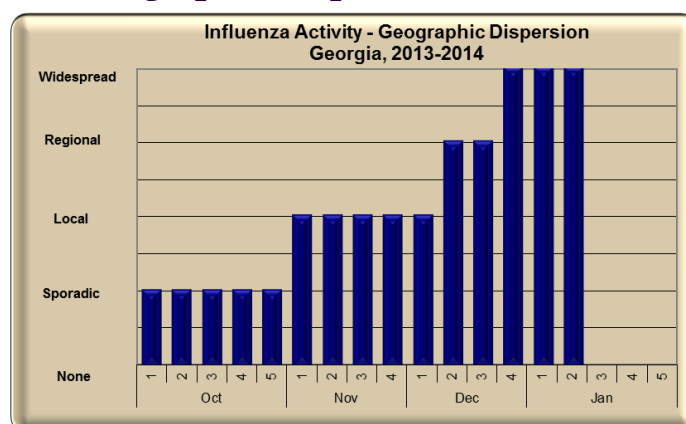


Georgia ILI Geographic Dispersion

This Week's Flu Code is:
WIDESPREAD

Local = Outbreaks of influenza
OR

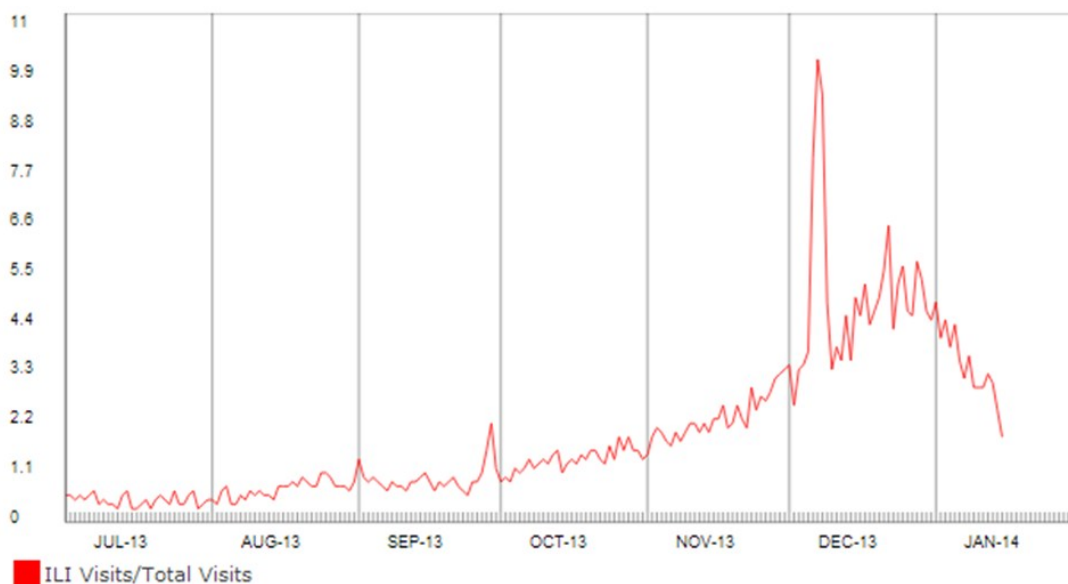
Increases in ILI cases and recent laboratory-confirmed influenza in at least half the regions of the state with recent laboratory evidence of influenza in the state



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Syndromic Surveillance
Data Daily Influenza-like
Illness Syndrome
(percentage of ILI visits)

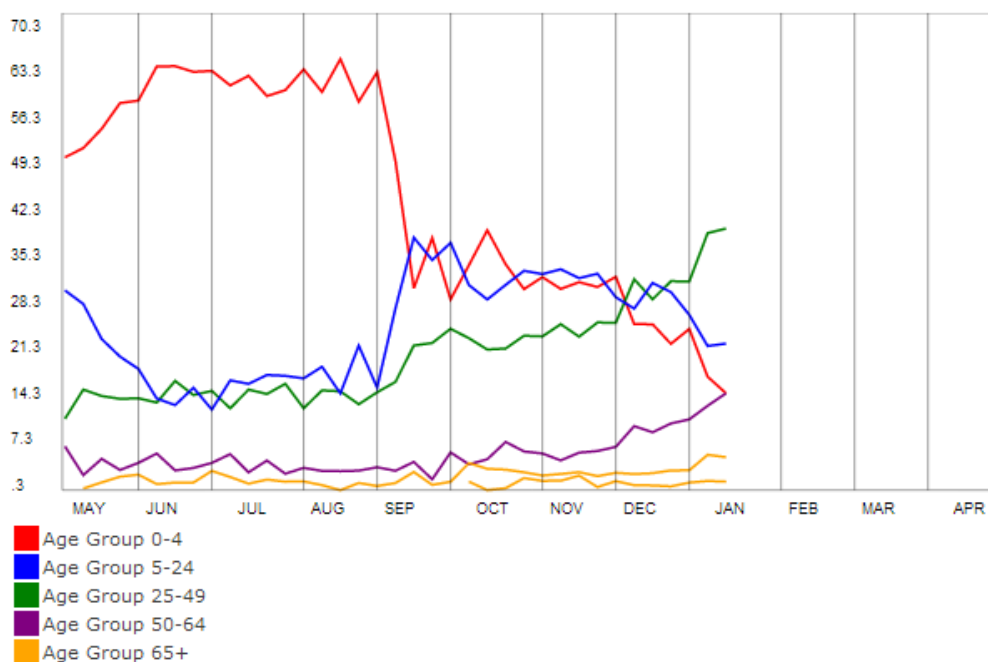
Daily Percent of ILI Syndrome Visits to Georgia Emergency



During **week 02** the daily percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system decreased.

Syndromic Surveillance Data
Weekly Influenza-like
Illness Syndrome
(percentage of ILI visits by Age
Group)

Weekly Percent of ILI Syndrome Visits by Age Group



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**Influenza Hospitaliza-
tions in the eight county
metro Atlanta area 2013-
2014** (Emerging Infections
Program data)

**Influenza-Associated
Deaths 2013-2014
Statewide** (Influenza-
associated deaths are a notifi-
able condition in Georgia)

**Influenza-Associated hos-
pitalizations in the eight-
county metro Atlanta
area** (Emerging Infec-
tions Program data)

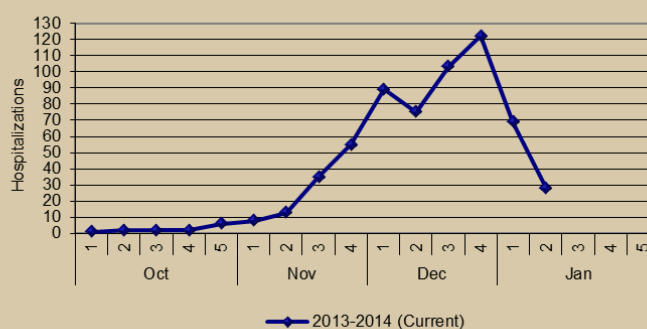
**Influenza-Associated
deaths reported to Public
Health**

Georgia Influenza-Associated Hospitalizations and Deaths

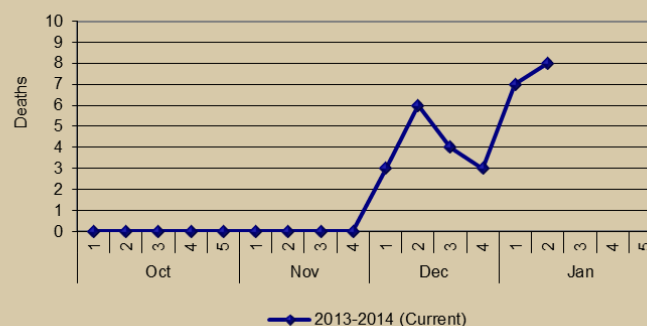
	Number of Hospitaliza- tions (8- County Metro-Area Only)	Hospitalization Rate (Cases/100,000 people)
0 - 4	76 (12.5%)	28.11
5 -17	38 (6.2%)	5.44
18 - 49	212 (34.8%)	11.76
50 - 64	159 (26.1%)	24.21
65+	124 (20.4%)	38.15
Total	609 (For confirmation, these data are delayed)	16.23

Age Group	Number of Deaths	
0 - 4	0	
5 -17	1	
18 - 49	14	
50 - 64	12	
65+	4	
Total	31 (For confirmation, these data are delayed)	

**Influenza-associated Hospitalizations in the Eight County Metro
Atlanta Area 2013-2014**



Influenza-associated Deaths, Georgia, 2013-2014



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GA DPH on the web!
<http://dph.georgia.gov/>

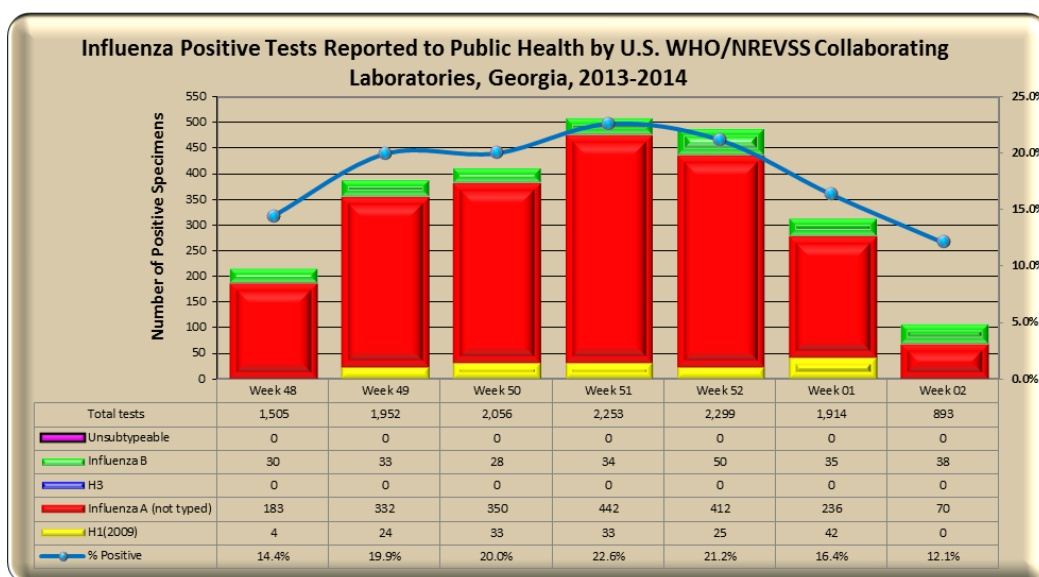
Georgia threshold of RSV season on- set and end

RSV season onset is defined as the first week of two (2) consecutive weeks when the percent positive of **ALL** lab confirmed tests are greater than or equal to 10%. The end of RSV season is now defined as the first week of two consecutive weeks when the percent positive of **ALL** lab confirmed tests are less than 10%.

RSV Season Status: **ON**

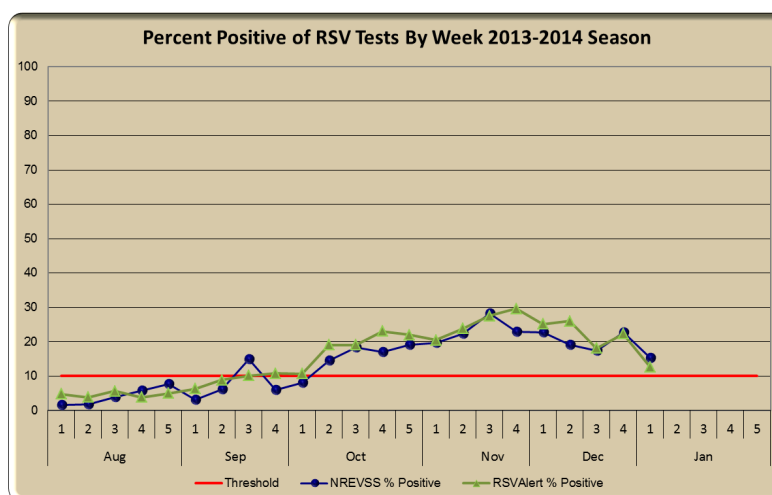


Georgia Virologic Surveillance Data



Note: Includes rapid tests reported from reference Laboratories and the Georgia Public Health Laboratory; not all positive laboratory results for influenza are reported to Public Health.
Data may vary week to week due to late provider reporting

Respiratory Syncytial Virus (RSV) Surveillance Data



Note: Due to a decrease in the number of laboratories reporting to NREVSS, we have decided to look at the average RSV percent positives rather than the mean percent positives of all labs. We have also included data from the [RSVAlert program](#) to give a more robust view of RSV in Georgia.
Data may vary week to week due to late provider reporting

Flu News

[Flu Scan: Adult flu vaccine coverage; Flu predictions on the web; Flu-shot texts](#)

[Flu Scan: H5N1 in birds in China, Vietnam; Global flu activity](#)

[US flu season rolls on at brisk pace](#)

[CDC Health Advisory: Human Infection with avian Influenza A \(H5N1\) Virus](#)